

TOTAL Page 65

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Structure search limits have been increased. See HELP SLIMIT for details.

=> e endothelin b receptor/cn

E1	1	ENDOTHELIN 3-LIKE PEPTIDE (HUMAN REDUCED)/CN
E2	1	ENDOTHELIN 3-LIKE PEPTIDE (MOUSE REDUCED)/CN
E3	0>	ENDOTHELIN B RECEPTOR/CN
E4	1	ENDOTHELIN C-TERMINAL HEXAPEPTIDE/CN
E5	1	ENDOTHELIN DEGRADATION ENZYME/CN
E6	1	ENDOTHELIN ETA RECEPTOR (PIG)/CN
E7	1	ENDOTHELIN ETB RECEPTOR (SWINE SVR ISOFORM)/CN
E8	1	ENDOTHELIN HOMOLOG (HUMAN CLONE DNA55800-1263)/CN
E9	1	ENDOTHELIN I/CN
E10	1	ENDOTHELIN III/CN
E11	1	ENDOTHELIN PRECURSOR-PROCESSING PROTEINASE/CN
E12	1	ENDOTHELIN PRECURSOR-PROCESSING PROTEINASE (GUINEA PIG)/CN

=> e endothelin/cn 5

E1	1	ENDOTHELIAL-MONOCYTE ACTIVATING POLYPEPTIDE	II (MOUSE CELL
L			
		INE METH A)/CN	
E2	1	ENDOTHELIAL-MONOCYTE ACTIVATING PROTEIN III	(HUMAN)/CN
E3	1>	ENDOTHELIN/CN .	·•·
E4	1	ENDOTHELIN (MOUSE REDUCED)/CN	•• ••
E5	1	ENDOTHELIN (MOUSE REDUCED), BIG/CN	,

=> s e3

L1 1 ENDOTHELIN/CN

=> fil medl, caplus, biosis, embase, wpids, jicst

COST IN U.S. DOLLARS

Prepared by M. Hale 308-4258 FILE

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

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ENTRY
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=> s (endothelin b receptor or etb or endothelin receptors type b) and (cancer or melanoma) and (protstate or colon or ovarian or mammar?)

L2 3 FILE MEDLINE
L3 10 FILE CAPLUS
L4 5 FILE BIOSIS
L5 2 FILE EMBASE
L6 1 FILE WPIDS
L7 0 FILE JICST-EPLUS

TOTAL FOR ALL FILES

L8 21 (ENDOTHELIN B RECEPTOR OR ETB OR ENDOTHELIN RECEPTORS TYPE B)
AND (CANCER OR MELANOMA) AND (PROTSTATE OR COLON OR OVARIAN OR
MAMMAR?)

=> s (antisense or ribozyme or endothelin 1) and 18

L9 3 FILE MEDLINE
L10 7 FILE CAPLUS
L11 4 FILE BIOSIS
L12 1 FILE EMBASE
L13 1 FILE WPIDS
L14 0 FILE JICST-EPLUS

TOTAL FOR ALL FILES

L15 16 (ANTISENSE OR RIBOZYME OR ENDOTHELIN 1) AND L8

=> dup rem 115

PROCESSING COMPLETED FOR L15 Prepared by M. Hale 308-4258

=> d 1-10 cbib abs

- L16 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2001 ACS DUPLICATE 1 2000:790734 Document No. 133:329575 Cancer treatment with endothelin receptor antagonists. Schneider, Robert J.; Jamal, Sumayah (New York University, USA). PCT Int. Appl. WO 2000067024 A1 20001109, 64 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, (English). CODEN: PIXXD2. APPLICATION: WO 2000-US11990 20000503. PRIORITY: US 1999-305084 19990504. The present invention relates to therapeutic protocols and pharmaceutical AB compns. designed to treat and prevent cancer. More
- compns. designed to treat and prevent cancer. More specifically, the present invention relates to a novel method of treating cancer using antagonists to the endothelin B receptor (ETB) or inactive mimic forms of endothelin-1. The pharmaceutical compns. of the invention are capable of selectively inhibiting the early events assocd. with the development of cancer. The present invention further relates to screening assays to identify compds. which inhibit ETB activation.
- L16 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2001 ACS
 2000:133697 Document No. 132:203144 Low-adenosine antisense
 oligonucleotide agents, compositions, kits and treatments for respiratory
 disorders. Nyce, Jonathan W. (East Carolina University, USA). PCT Int.
 Appl. WO 2000009525 A2 20000224, 1343 pp. DESIGNATED STATES: W: AU, CA,
 CN, MX, RU, US; RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT,
 LU, MC, NL, PT, SE. (English). CODEN: PIXXD2. APPLICATION: WO
 1999-US17712 19990803. PRIORITY: US 1998-95212 19980803.
- AB A compn. comprises a nucleic acid comprising an oligo **antisense** to a target such as polypeptide(s) assocd. with an ailment afflicting lung
- airways, genes and mRNAs encoding them, genomic and mRNA flanking regions,
- intron and exon borders and all regulatory and functionally related segments of the genes and mRNAs encoding the polypeptides, their salts and
 - mixts. Various formulations contain a requisite carrier, and optionally other additives and biol. active agents. The agent of the invention may be prepd. by selecting a target gene(s), genomic flanking region(s), RNA(s) and/or polypeptide(s) assocd. with a disease(s) or condition(s) afflicting lung airways, obtaining the sequence of the mRNA(s) corresponding to the target gene(s) and/or genomic flanking region(s), and/or RNAs encoding the target polypeptide(s), selecting at least one segment of the mRNA which may be up to 60% free of thymidine (T) and synthesizing one or more antisense oligonucleotide(s) to the mRNA segments which are free of adenosine (A) by substituting a universal base for A when present in the oligonucleotide. The agent may be prepd. Prepared by M. Hale 308-4258

by selection of target nucleic acid sequences with GC running stretches, which have low T content, and by optionally replacing A in the antisense oligonucleotides with a universal base. The agent, compn. and formulations are used for prophylactic, preventive and therapeutic treatment of ailments assocd. with impaired respiration, allergy(ies) and/or inflammation, such as pulmonary vasoconstriction, inflammation, allergies, asthma, impeded respiration, lung pain, cystic fibrosis, bronchoconstriction, pulmonary hypertension and bronchoconstriction, chronic bronchitis, emphysema, chronic obstructive pulmonary disease (COPD), acute respiratory distress syndrome (ARDS), ischemic conditions including ischemia itself, and cancers such as leukemias, lymphomas, carcinomas, and the like, e.g. colon cancer, breast cancer, pancreatic cancer, lung cancer, hepatocellular carcinoma, kidney cancer, melanoma, hepatic metastasis, etc., as well as all types of cancers with may metastasize or have metastasized to the lung(s), including breast and prostate cancer. The present treatment is suitable for administration in combination with other treatments, e.g. before, during and after other treatments, including radiation, chemotherapy, antibody therapy and surgery, among others. The present agent is effectively administered preventatively, prophylactically or therapeutically by itself for conditions without known therapies, or as a substitute for, or in conjunction with, other therapies exhibiting undesirable side effects. The treatment of this invention may be administered directly into the respiratory system of a subject, so that the agent has direct access to the airways and the lungs. The invention is exemplified with specificity and pharmacokinetic studies using phosphorothicated antisense oligonucleotides targeted to the adenosine receptors A1, A2a, A2b, and A3.

L16 ANSWER 3 OF 10 EMBASE COPYRIGHT 2001 ELSEVIER SCI. B.V.
2000438062 EMBASE Modulation of human colon tumor-stromal
interactions by the endothelin system. Egidy G.; Juillerat-Jeanneret L.;
Jeannin J.-F.; Korth P.; Bosman F.T.; Pinet F.. Dr. F. Pinet, INSERM Unit
36, College de France, 3 rue d'Ulm, 75005 Paris, France.
florence.pinet@college-de-france.fr. American Journal of Pathology 157/6
(1863-1874) 2000.
Refs: 41.

ISSN: 0002-9440. CODEN: AJPAA4. Pub. Country: United States. Language: English. Summary Language: English.

Tumor neovascularization is considered to be a critical step in the AB development of a malignant tumor. Endothelin (ET)-1 is a powerful vasoconstrictor and mitogenic peptide that is produced by many cancer cell lines. The cellular distribution of the ET components was evaluated in human colon tumors and compared to normal colon. There was more of the ET components (preproET-1, endothelin-converting enzyme-1, and ETA and ETB receptors) in adenomas and adenocarcinomas than in the normal colon. There was overproduction of preproET-1 and endothelin-converting enzyme-1 in carcinoma cells and stromal vessels, suggesting that they are a local source of ET-1. ETA receptors were present in stromal myofibroblasts of neoplastic tissue, and there were large amounts of ETB receptors in the endothelium and myofibroblasts. There was also a redistribution of .alpha.-smooth muscle actin-positive cells in the vascular structures of tumors. An experimental rat model of induced colon Page 68

both ET receptors, confirmed the morphological changes observed during the

tumor vascularization. Our data suggest that ET-1 and its receptor play a role in **colon cancer** progression, with ET-1 functioning as a negative modulator of the stromal response.

L16 ANSWER 4 OF 10 MEDLINE DUPLICATE 2
2000211278 Document Number: 20211278. Studies on the expression of endothelin, its receptor subtypes, and converting enzymes in lung cancer and in human bronchial epithelium. Ahmed S I; Thompson J; Coulson J M; Woll P J. (Cancer Research Campaign, Academic Department of Clinical Oncology, University of Nottingham, Nottingham City Hospital, United Kingdom.) AMERICAN JOURNAL OF RESPIRATORY CELL AND MOLECULAR BIOLOGY, (2000 Apr) 22 (4) 422-31. Journal code: AOB. ISSN: 1044-1549. Pub. country: United States. Language: English.

AB Lung cancer, particularly small cell lung cancer (SCLC), is characterized by production of numerous peptides and their resulting clinical syndromes. Such peptides can act as autocrine growth factors for these tumors. In this study, we investigated the role of endothelin (ET)-1 in lung cancer. Using reverse transcription/polymerase chain reaction (RT-PCR), enzyme-linked immunosorbent assay, and immunocytochemistry, we screened a panel of lung cancer cell lines for ET-1, its receptors, and endothelin converting enzyme-1 (ECE-1), which generates the active form of ET-1.

ET-1

messenger RNA was expressed in five of seven SCLC, four of four non-small cell lung cancer (NSCLC), and human bronchial epithelial (HBE) cells. The intracellular isoform of ECE-1, important in processing ET-1 if

an autocrine growth loop is to function, was downregulated in the lung cancer cell lines as compared with expression of the extracellular isoform. Endothelin A receptor (ETAR), which mediates the mitogenic effects of ET-1 in prostate and ovarian cancer, was upregulated in HBE cells compared with expression in three of seven SCLC and two of four NSCLC cell lines. Endothelin B receptor (ETBR) was more widespread, being expressed in seven of seven SCLC, four of four NSCLC, and the HBE cells. We used flow cytometry to measure mobilization of intracellular calcium as a functional assay for

the ETAR. These data concurred with the RT-PCR results, indicating that the ETAR was downregulated or was involved in an alternative signal transduction pathway in lung cancer, and no evidence of functional receptor mediating an autocrine growth loop was found. From our

study, the data do not support the putative functional autocrine growth role of ET-1 in lung cancer. We propose instead that ET-1 may act as a paracrine growth factor for surrounding epithelial and endothelial cells via alternative pathways, promoting angiogenesis and stromal growth.

L16 ANSWER 5 OF 10 BIOSIS COPYRIGHT 2001 BIOSIS
2000:164968 Document No.: PREV200000164968. Augmented expression of
endothelin-1, endothelin-3 and the endothelinB receptor in breast carcinoma. Alanen, K.; Deng, D.-X.;
Chakrabarti, S. (1). (1) Department of Pathology, University of Western
Ontario, London Health Sciences Centre, London, ON, N6A 5A5 Canada.
Prepared by M. Hale 308-4258

Histopathology (Oxford)., (Feb., 2000) Vol. 36, No. 2, pp. 161-167. ISSN: 0309-0167. Language: English. Summary Language: English.

AB Aims: Endothelins (ETs) are peptides expressed in many tumours which may stimulate angiogenesis and desmoplasia. Because ETs have not been extensively studied mammary neoplasia, we assessed ET protein and mRNA expression and receptor mRNA expression in normal and neoplastic breast tissues. Methods and results: Tissues from five normal breasts,

six

fibroadenomas, seven ductal carcinomas in situ (DCIS) and 25 invasive carcinomas were stained with anti-ET-1 and anti-ET-3 antibodies and analysed using a grading system. ET-1, ET-3, ETA and ETB mRNA expression was assessed by quantitative RT-PCR from eight carcinomas and five normals. Weak staining for ET-1 and ET-3 was detected in all

Moderate to strong staining was seen in 72% and 64% of carcinomas for ${\rm ET}{\text{-}}1$

and ET-3, respectively. Most fibroadenomas showed weak positivity for

ET-1

- (83%) and ET-3 (67%). ET-1 and ET-3 mRNA levels were upregulated in carcinomas compared with normal breast. No ETA mRNA was not detected in any tissue. ETB mRNA was detected in normal breast and was increased in carcinomas. Conclusion: These results suggest that the ET system is altered in breast carcinomas and this may be of importance in the progression from in-situ to invasive carcinoma.
- L16 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2001 ACS
- 1999:722912 Document No. 131:317804 Methods for treatment of pain by inhibiting endothelin-1 action. Davar, Gudarz (USA).

 PCT Int. Appl. WO 9956761 A1 19991111, 39 pp. DESIGNATED STATES: W: AU, CA, JP; RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE. (English). CODEN: PIXXD2. APPLICATION: WO 1999-US9732 19990504. PRIORITY: US 1998-72428 19980504.
- AB A method of detg. whether a compd. alleviates nerve pain mediated by endothelin-1 (ET-1) involves (i) detg. whether the compd. has the ability to inhibit a ET-1 action and then (ii) detg. whether the compd. reduces nerve pain by testing the compd. in human patients suffering from pain mediated by the ET-1 action. The invention also includes a method of detg. whether a compd. alleviates pain caused
- nerve injury in human patients by detg. the compd. ability to inhibit an inflammatory leukocyte response. ET-1 (40-800 .mu.M) applied to rat sciatic nerve in vivo induced direct effect on sensory neurons and pain behavior via a mechanism independent of vasoconstriction of sciatic nerve microvessels. ET-1-induced pain behavior is mediated by ATA subtype of receptor on neurons, as evidenced by using ETA and ETB receptor antagonists, BQ-123 and BQ-788, resp. Therefore, the inhibition of
- ET-1's

 vasoconstriction-independent mechanism of causing pain is an effective
 pain treatment, esp. under conditions where ET-1 levels are elevated in a
 patient, such as metastatic prostate cancer. Furthermore, given
 that ET-1 acts directly on the sensory neuron ETA receptor, the ETA
 receptor is an important therapeutic target.

L.; Wang, G. J.; Mukherjee, K.; Xu, Z. L.; Khalil, M.; Cherian, M. G.; Chakrabarti, S. (Department of Pathology, The University of Western Ontario, London, ON, N6A 5C1, Can.). Anticancer Res., 19(3B), 2243-2247 (English) 1999. CODEN: ANTRD4. ISSN: 0250-7005. Publisher: International Institute of Anticancer Research.

AB Background: Endothelins (ETs) are 21 amino acid peptides with widespread tissue distribution and functions. In this study, we retrospectively investigated immunoreactive ET-1, ET-3 as well as ET receptors by ligand binding and autoradiog. in hepatic cirrhosis and neoplasms. Formalin fixed paraffin embedded tissues from 30 hepatocellular carcinomas (HCC),

fibrolamellar carcinomas (FLC), and 7 liver metastatic adenocarcinomas (Ad) from colon were collected from the Pathol. Department of London Health Science Center. Adjacent cirrhotic livers were obtained from 17 cases and adjacent normal liver was present in 12 cases. In addn., 15 HCCs, 6 cirrhotic and 8 normal livers were obtained from Normal Bethune University for Medical Sciences in China. The slides were stained

for ET-1 and ET-3 with a polyclonal antibody and scored. Autoradiog. localization of ET-receptors with 125I-ET-1 was carried out in some of the

cases. In the normal liver, hepatocytes, biliary epithelium, vascular endothelium and smooth muscle cells were pos. for both ET-1 and ET-3. Higher immunoreactivity for ET-1 and ET-3 was seen in cirrhosis. HCCs showed variation in immunoreactivity, with overall scoring not different from normal livers. FLCs showed consistent higher immunoreactivity for both ET-1 and ET-3, while in Ads the immunoreactivity was decreased. Increased ET-receptors, representing both ETA and ETB subtypes were seen in both cirrhosis and in HCC. Alterations in both ETs and their

receptors were found in cirrhosis and neoplastic liver diseases.

L16 ANSWER 8 OF 10 MEDLINE DUPLICATE 3
2000123001 Document Number: 20123001. Paracrine regulation of
ovarian cancer by endothelin. Moraitis S; Miller W R;
Smyth J F; Langdon S P. (Imperial Cancer Research Fund Medical Oncology
Unit, Western General Hospital, Edinburgh, U.K.) EUROPEAN JOURNAL OF
CANCER, (1999 Sep) 35 (9) 1381-7. Journal code: ARV. ISSN: 0959-8049.
Pub. country: ENGLAND: United Kingdom. Language: English.

AB Previous studies have demonstrated that endothelin (ET) isoforms (ET-1,
ET-2 and ET-3) can act in an autocrine manner in ovarian

cancer while in breast cancer their role has been proposed to be that of a paracrine mitogen. To explore the possibility that endothelin isoforms might function not only as autocrine regulators but also as paracrine mitogens in ovarian cancers, we investigated their effects on the growth of ovarian fibroblasts derived from ovarian carcinomas, the interaction between ovarian carcinoma and fibroblast cells and the location of the isoform expression in primary ovarian tumours. ET-1, ET-2 and ET-3 stimulated the growth of three ovarian fibroblast cell lines at concentrations ranging from 10(-12) M to 10(-7) M. Inhibition of 125I-ET binding by the ETA receptor antagonist BQ123 and the ETB receptor antagonist BQ788 suggested the presence of both types of ET receptors in fibroblast cells. In the absence of ET-1, neither BQ 123 nor BQ 788 inhibited growth. However, both antagonists inhibited ET-1 stimulated growth suggesting the involvement of both receptor types in Prepared by M. Hale 308-4258

ET-1 growth regulation. In contrast to carcinoma cells which secrete measurable levels of ET-1, fibroblast cell lines did not secrete detectable protein. Co-culture experiments (using porous membrane insert wells) of fibroblasts with carcinoma cells demonstrated that growth of both populations of cells was increased compared with either grown in isolation. In this system, growth of the fibroblast cell line was partially inhibited by both BQ123 and BQ788, whilst growth of the PE014 carcinoma cell line was inhibited by only BQ123. RT-PCR measurements detected the presence of the ETA receptor subtype in 10/10 primary ovarian cancers but the presence of ETB

receptor in only 6/10 cancers. Using specific antibodies, ET-1 was found in 11/15, ET-2 in 5 of 7 and ET-3 in 5/7 primary ovarian cancers predominantly in the epithelial cells but with some stromal expression. These data indicate that the ET isoforms may stimulate

growth of the fibroblast population within an **ovarian cancer** in addition to stimulating the epithelial cells and since the ETs are expressed in the majority of **ovarian cancers**, this paracrine effect may contribute to the overall growth of the tumour.

- L16 ANSWER 9 OF 10 BIOSIS COPYRIGHT 2001 BIOSIS
- 1999:441523 Document No.: PREV199900441523. Endothelin receptor expression in colorectal cancer. Ali, H. (1); Loizidou, M. (1); Dashwood, M.; Savage, F. (1); Boulos, P. B. (1); Taylor, I. (1). (1) Department of Surgery, Royal Free and University College Medical School, London UK. British Journal of Cancer, (July, 1999) Vol. 80, No. SUPPL. 2, pp. 91. Meeting Info.: Joint Meeting of the British Association for Cancer Research, the British Oncological Association, the Association of Cancer Physicians and the Royal College of Radiologists Edinburgh, Scotland, UK July 11-14, 1999 ISSN: 0007-0920. Language: English.
- L16 ANSWER 10 OF 10 MEDLINE DUPLICATE 4 97419945 Document Number: 97419945. Endothelin expression and responsiveness

in human **ovarian** carcinoma cell lines. Moraitis S; Langdon S P; Miller W R. (Imperial Cancer Research Fund Medical Oncology Unit, Western General Hospital, Edinburgh, U.K.) EUROPEAN JOURNAL OF CANCER, (1997

- Apr)
 33 (4) 661-8. Journal code: ARV. ISSN: 0959-8049. Pub. country: ENGLAND: United Kingdom. Language: English.
- AB To elucidate the potential role of endothelins (ETs) as growth regulators in ovarian carcinoma cells in culture, expression of endothelins and their receptors were measured in two ovarian cancer cell lines (PEO4 and PEO14), together with the effect of the exogenous addition of endothelins on the growth of these cell lines in vitro.

 RT-PCR

analysis of mRNA prepared from PEO4 and PEO14 indicated the presence of ET-1 and ET-3 mRNA. Immunoreactive ET-1-like peptide was found in media from cultures of both PEO4 (1.7 +/- 0.4 fmol/10(6) cells/72 h) and PEO14 (20.2 +/- 6.8 fmol/10(6) cells/72 h) cell lines. Radioligand binding studies using 125I-ET-1 and membrane fractions were consistent with PEO4 cells having two receptor sites of either high affinity (Kd = 0.065 nM, Bmax = 0.047 pmol/mg protein) or lower affinity sites (Kd = 0.49 nM, Bmax = 0.23 pmol/mg protein). Studies using membrane fractions of PEO14 cells

indicated that this cell line has only a single lower affinity binding Prepared by M. Hale 308-4258 Page 72

site (Kd = 0.56 nM, Bmax = 0.31 pmol/mg protein). However, RT-PCR analysis

indicated the presence of mRNA from both ETA and ETB receptors in PEO4 and PEO14 cell lines. Exogenous addition of ETs to PEO4 and PEO14 cells at concentrations of 10(-10)-10(-7)M resulted in specific dose-dependent increases in cell number for ET-1 (with maximum effects at 10(-10) and 10(-9)M for PEO4 and PEO14, respectively) and ET-2 (maximum effects at 10(-8) and 10(-9)M for PEO4 and PEO14, respectively) but not for ET-3. Experiments on the growth of PEO14 cells using BQ123 (ETA-R) antagonist and "antisense" oligonucleotide against the ETA-R, in the absence of exogenous ETs, suggested that immunoreactive ET-1-like material secreted by PEO14 cells can affect their growth in an autocrine manner. These results would be consistent with ET-1 acting as a possible autocrine growth regulator in human ovarian carcinoma cells.

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=> s schneider r?/au,in;s jamal s?/au,in
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'IN' IS NOT A VALID FIELD CODE
L17 1256 FILE MEDLINE
L18 1615 FILE CAPLUS
L19 1409 FILE BIOSIS
'IN' IS NOT A VALID FIELD CODE
L20 880 FILE EMBASE
L21 844 FILE WPIDS
L22 8 FILE JICST-EPLUS
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TOTAL FOR ALL FILES
L23 6012 SCHNEIDER R?/AU,IN

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'IN' IS NOT A VALID FIELD CODE
L24 47 FILE MEDLINE
L25 48 FILE CAPLUS
L26 77 FILE BIOSIS
'IN' IS NOT A VALID FIELD CODE
L27 45 FILE EMBASE
L28 1 FILE WPIDS
L29 7 FILE JICST-EPLUS
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TOTAL FOR ALL FILES L30 225 JAMAL S?/AU,IN

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L31	0	FILE	MEDLINE
L32	1	FILE	CAPLUS
L33	0	FILE	BIOSIS
L34	0	FILE	EMBASE
L35	1	FILE	WPIDS
L36	0	FILE	JICST-EPLUS

TOTAL FOR ALL FILES

L37 2 L23 AND L30

^{=&}gt; dup rem 137;d cbib abs Prepared by M. Hale 308-4258

L38 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS

DUPLICATE 1
2000:790734 Document No. 133:329575 Cancer treatment with endothelin receptor antagonists. Schneider, Robert J.; Jamal, Sumayah (New York University, USA). PCT Int. Appl. WO 2000067024 A1 20001109, 64 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA,

CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,

CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 2000-US11990 20000503. PRIORITY: US 1999-305084 19990504.

AB The present invention relates to therapeutic protocols and pharmaceutical compns. designed to treat and prevent cancer. More specifically, the present invention relates to a novel method of treating cancer using antagonists to the endothelin B receptor (ETB) or inactive mimic forms of endothelin-1. The pharmaceutical compns. of the invention are capable of selectively inhibiting the early events assocd. with the development of cancer. The present invention further relates to screening assays to identify compds. which inhibit ETB activation.

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